

CLAIMS

1. An electromagnetic-shielding light-diffusing sheet, which comprises a light-diffusing sheet main body and, laminated on at least one side thereof, a light-transmitting electroconductive layer having a surface resistivity of $10^5 \Omega/\square$ or lower.

2. The electromagnetic-shielding light-diffusing sheet according to claim 1, wherein the light-diffusing sheet main body contains a light-diffusing agent.

3. The electromagnetic-shielding light-diffusing sheet according to claim 2, wherein the light-diffusing agent is contained in an amount of 0.1-35% by mass.

4. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 3, wherein the light-diffusing sheet has fine recesses and protrusions formed on at least one side thereof.

5. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 4, wherein the light-diffusing sheet main body is a multilayered sheet comprising at least a core layer and a surface layer, and

wherein the core layer contains a light-diffusing agent and the surface layer contains no light-diffusing agent.

6. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 4, wherein the light-diffusing sheet main body is a multilayered sheet comprising at least a core layer and a surface layer, and wherein the core layer contains no light-diffusing agent and the surface layer contains a light-diffusing agent.

7. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 4, wherein the light-diffusing sheet main body is a multilayered sheet comprising at least a core layer and a surface layer, and wherein the core layer and the surface layer contain a light-diffusing agent.

8. The electromagnetic-shielding light-diffusing sheet according to any one of claims 5 to 7, wherein the light-diffusing sheet main body is a multilayered sheet comprising at least a core layer and a surface layer, and wherein the light-transmitting resin used for the surface layer is a resin having a lower refractive index than the light-transmitting resin used for the core layer.

9. The electromagnetic-shielding light-diffusing sheet according to any one of claims 5 to 8, wherein at least the surface layer contains an ultraviolet absorber.

10. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 9, wherein the light-diffusing sheet main body is made of a light-transmitting polypropylene resin containing a talc light-diffusing agent in an amount of 15-35% by mass and the light-diffusing sheet has fine recesses and protrusions formed on each side thereof.

11. The electromagnetic-shielding light-diffusing sheet according to any one of claims 5 to 9, wherein the light-diffusing sheet main body is a multilayered sheet comprising a core layer made of a light-transmitting polypropylene resin containing a talc light-diffusing agent in an amount of 15-35% by mass and, laminated on at least one side of the core layer, a surface layer made of a light-transmitting resin, and wherein the light-diffusing sheet has fine recesses and protrusions formed on each side thereof.

12. The electromagnetic-shielding light-diffusing sheet according to any one of claims 5 to 9, wherein the

light-diffusing sheet main body is a multilayered sheet comprising a core layer made of a light-transmitting polycarbonate resin containing an acrylic light-diffusing agent in an amount of 0.1-20% by mass and, laminated on at least one side of the core layer, a surface layer made of a light-transmitting resin.

13. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 12, wherein the light-transmitting electroconductive layer is a metal oxide layer.

14. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 12, wherein the light-transmitting electroconductive layer is a layer containing ultrafine electroconductive fibers.

15. The electromagnetic-shielding light-diffusing sheet according to claim 14, wherein the ultrafine electroconductive fibers are in a dispersed state without aggregating and are in contact with one another.

16. The electromagnetic-shielding light-diffusing sheet according to claim 14 or 15, wherein the ultrafine electroconductive fibers are in contact with one another in

such a state that the individual fibers have been dispersed separately from one another or that individual bundles composed of plural ultrafine electroconductive fibers have been dispersed separately from one another.

17. The electromagnetic-shielding light-diffusing sheet according to any one of claims 14 to 16, wherein the ultrafine electroconductive fibers are carbon nanotubes.

18. The electromagnetic-shielding light-diffusing sheet according to claim 17, wherein the estimated content of the carbon nanotubes contained in the light-transmitting electroconductive layer is 20-450 mg/m² and the light-transmitting electroconductive layer has a thickness of 10-400 nm.

19. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 18, wherein the electromagnetic-shielding light-diffusing sheet has a total light transmittance of 50-95% and a haze of 30-95%.

20. The electromagnetic-shielding light-diffusing sheet according to any one of claims 1 to 19, which has a light-transmitting resin cover layer laminated on the light-transmitting electroconductive layer.